SMALLBURGH RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

For the Year 1906.

POPULATION - 13,323.

BIRTHS.

During the year 1906 there were 290 births in the district. This is equivalent to a birth-rate of 21·74 per 1,000 of the estimated population, and shows a declining rate compared either with last year, 23·7, or with the average of the last ten years, 25·16. Of these births 147 were Boys, 143 Girls, and 20, or nearly 7 per cent, were illegitimate.

	BOYS	GIRLS	ILLEGITIMATE
North-Walsham Sub-District	17	17	0
Ludham ,, ...	38	29	6
Smallburgh ,, ...	46	47	10
Stalham ,, ...	46	50	4
	147	143	20

	BOYS	GIRLS
In 1900 the Numbers were	184	163
1901 ,, ...	172	179
1902 ,, ...	171	155
1903 ,, ...	173	171
1904 ,, ...	127	104
1905 ,, ...	157	153

DEATHS.

The number of Deaths registered during the year was 175, equivalent to a rate of 13·12 per 1,000 of the estimated population, a decrease compared either with last year of 14·2, or with the average of the last 10 years of 14·79.

North Walsham Sub-District	30	
Ludham ,, ...	42	
Stalham ,, .. .	44	
Smallburgh ,, ...	59	Workhouse 12

The death rate of Infants under 1 year was 79·31, as compared with 77·13 last year and 122·41 the average for the last 10 years calculated at rate per 1,000 of Births registered.

The deaths from Zymotic disease numbered 8, giving a rate of 45·71 per 1,000 of the deaths registered

Scarlet Fever	2
Enteric Fever	1
Influenza	2
Diarrhœa	3

Comparative Vital Statistics for 1906—

	BIRTHS.	DEATHS.	INFANT MORTALITY.
SMALLBURGH DISTRICT	21·74	13·12	79·31
ENGLAND AND WALES	27·0	15·4	133·0
RURAL ENGLAND AND WALES	26·3	15·0	115·0

The deaths from Phthisis (Pulmonary Tuberculosis) numbered 16, other Tubercular diseases 3, Cancer 9.

NOTIFICATION OF INFECTIOUS DISEASES.

The total number of cases notified was 63.

Diphtheria 5—NORTH WALSHAM SUB-DISTRICT	.	0
LUDHAM ,, ..	..	1
STALHAM ,, ..	..	1
SMALLBURGH ,, ..	..	3

These cases were recognised early and care used to prevent the spread of infection, with happy results. There were no deaths from this disease.

Erysipelas 9—NORTH WALSHAM SUB-DISTRICT	..	3
LUDHAM ,, ..	..	3
STALHAM ,, ..	..	0
SMALLBURGH ,, ..	..	3

There were no deaths from this disease.

Scarlet Fever 41—NORTH WALSHAM SUB-DISTRICT	..	2
LUDHAM ,, ..	..	28
STALHAM ,, ..	..	4
SMALLBURGH ,, ..	..	7

There has been unfortunately a large increase in the number of cases of this disease, which was very prevalent in most of the districts of Norfolk during the year. The cases were, as a rule, of a mild type, and were not all seen by a medical man in the early stages of the malady, therefore no steps were taken towards isolation and disinfection till the infection had been spread. At Potter Heigham I found several children from one family were attending school while desquamating; no medical man had been called in and no notification made, as the parents said they did not recognise the disease. 2 deaths occurred, one in the Stalham and one in the Ludham Sub-districts.

Typhoid or Enteric Fever 8—NORTH WALSHAM SUB-DISTRICT	..	2
LUDHAM	..	0
STALHAM	..	2
SMALLBURGH	..	4

There was one death. In all these cases sanitary defects were found either at the dwelling or in the immediate surroundings.

Measles was unfortunately very prevalent in the district in the first half of the year, and several schools were closed. I doubt if closing schools checks in any way an epidemic of this disease, which is most infectious before the rash comes out or disease is recognised. I think it would be better if School Managers and Teachers understood that the M. O. H. advises that the Schools should be closed during epidemics solely on the ground of Public Health and not with the idea of keeping the average attendance up to the required standard.

SCHOOLS CLOSED.

Bacton School	closed for	Measles,	January 12th to February 5th.
Dilham	,,	,,	February 5th to February 29th.
Happisburgh	,,	,,	May 14th to May 28th.
Tunstead	,,	,,	May 21st to June 4th.
East Ruston	,,	,,	May 21st to June 4th.
Horning	,,	,,	October 10th to November 5th.
Potter Heigham School	closed for	Scarlet Fever,	October 11th to November 5th.
Ludham	,,	,, ,,	December 11th to December 25th.

In September last I received notice of a suspected case of Smallpox at Palling. After a few days the suspicion luckily proved to be groundless, but I must thank the medical man in attendance for the prompt action he took in telegraphing to me, and thus enabling me to be early in the field to stop any further trouble.

Had this proved to be a case of Smallpox, satisfactory Isolation would have been impossible, and this brought home to me very strongly the necessity of an Isolation Hospital for the district.

I hope this Council will seriously consider the matter

There are in the majority of cottages absolutely no means of Isolation in case of an Infectious Disease, and the only really satisfactory way to disinfect some of them would be to burn them down.

Cottage accommodation is limited both as regards number of cottages and as to rooms and air space in those existing. I have lately had experience of a case not in this District—but I quote it as a sample of what may be found in any Rural District—in which a man, his wife, and 8 children (5 boys and 3 girls) slept in 2 bedrooms, size about 14 square feet, together. Five of the children had Diphtheria and one died of the disease, and still the rest of the family had to occupy the rooms just the same.

How, under such circumstances, can any one expect either health, cleanliness, or morality?

There were 19 deaths in the District from Tubercular diseases, and I should like to strongly advise the Council to add Phthisis to the list of notifiable diseases. If this were done the houses could be disinfected, and possibly the spread of the malady to other members of the household prevented if they could be taught that the disease is catching and to use the powerful means of prevention provided by Nature, viz., fresh air and sunshine.

Periodical inspections have beem made of Slaughter-houses, Bake-houses, Cow-sheds, and Dairies, and these have been found as a rule in a satisfactory condition.

More care might with great advantage be taken by owners of cows to prevent contamination of the milk before it comes into the dairy. The cows' udders are often dirty, and so too are the hands of the milkers. No one should be allowed to sell either milk or butter unless registered and their dairies open to inspection.

During the year, 25 samples of water were sent to the Analyst. Nine of these samples were taken from wells where Diphtheria or Typhoid Fever were notified in the houses. Six of these were certified as unfit for drinking purposes.

Eight samples were taken from new and 6 from old wells.

Ten wells have been cleaned, 8 wells closed, and 12 new wells made.

There have been no complaints of deficient supply of water in the District as in previous years.

Three cases of overcrowding have been reported. Two of the occupiers have removed to more suitable dwellings. One still remains in the same cottage.

Six pig styes have been removed.

Thirty privies converted into dry earth pail closets. Seven new cesspools built to privies. Thirteen new privies built.

Three large houses have had new drains throughout.

Twenty-one ditches cleaned out and manure heaps removed.

I trust this report will be found satisfactory by the Council, and in conclusion I wish to thank all those with whom I have been brought into contact while carrying out my duties for their unvarying courtesy, and to thank Mr. Dale, my most valuable inspector, for his great assistance.

B. D. Z. WRIGHT,
Medical Officer of Health.

COLTISHALL,
February 27th, 1907.

TABLE I.

Vital Statistics of Whole District during 1906 and previous Years.

SMALLBURGH RURAL DISTRICT.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District.	Deaths of residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
				Under 1 Year of Age.		At all Ages.						
		Number	Rate *	Number	Rate per 1,000 Births registered.	Number	Rate *				Number	Rate *
1896	13752	385	27·32	50	120·0	199	14·2	7	—	—	199	14·2
1897	13714	416	29·08	51	122·5	223	15·9	7	—	—	223	15·9
1898	13676	372	27·04	53	142·7	228	16·3	14	—	—	228	16·3
1899	13638	362	26·6	43	118·7	211	15·1	14	—	—	211	15·1
1900	13600	347	24·8	42	121·0	213	15·2	13	—	—	213	15·2
1901	13223	351	26·3	46	131·0	212	15·1	10	—	—	212	15·1
1902	13285	326	24·6	39	119·0	163	12·3	13	—	—	163	12·3
1903	13250	344	25·2	46	104·05	208	15·6	21	—	—	208	15·6
1904	13220	231	17·02	39	168·08	195	14·07	11	—	—	195	14·07
1905	13200	310	23·7	24	77·13	185	14·2	12	—	—	185	14·2
Averages for years 1896-1905.	13455·8	344·4	25·16	43·3	122·41	203·4	14·79	12			203·4	14.79
1906	13335	290	21·74	23	79·31	175	13·12	11			175	13·12

* Rates in Colomns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water). 57,632 acres.

At Census of 1901.
- Total population at all ages—13,323
- Number of inhabited houses—3,229
- Average number of persons per house—4·1

Institutions within the District receiving sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the Deaths in which have been distributed among the several localities in the District.
~~NONE.~~	The Norfolk and Norwich Hospital at Norwich.	~~NONE.~~

Is the Union Workhouse within the District? Yes.

TABLE II.

Vital Statistics of Separate Localities in 1906 and previous years.

SMALLBURGH RURAL DISTRICT.

Names of Localities.	BACTON.				LUDHAM.				STALHAM.				SMALLBURGH.				SMALLBURGH WORKHOUSE.			
Year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1896 ...	2397	62	27	9	3470	89	53	20	3799	115	49	13	4100	119	63	8	—	—	7	—
1897 ...	2388	113	26	6	3401	76	60	18	3790	99	61	15	4091	128	69	11	—	—	7	1
1898 ...	2379	68	40	15	3452	80	44	19	3781	94	65	16	4082	130	68	13	—	—	14	—
1899 ...	2370	59	32	9	3443	81	88	10	3772	111	58	14	4073	111	49	9	—	—	14	1
1900 ...	2361	54	25	6	3439	75	63	17	3763	88	44	16	4064	130	68	11	—	—	13	—
1901 ...	2402	51	40	8	3003	79	44	12	3957	94	63	14	3961	117	55	12	—	—	10	—
1902 ...	2402	68	24	5	3003	68	39	10	3957	95	47	13	3961	95	40	11	—	—	13	—
1903 ...	2390	68	31	8	3100	81	56	17	3900	96	48	11	3950	99	52	11	—	—	21	1
1904 ...	2377	51	34	7	2978	65	46	7	3932	52	52	10	3933	63	52	15	—	—	11	—
1905 ...	2372	50	30	4	2973	69	48	4	3927	92	53	7	3928	99	44	8	—	—	12	1
Averages of Years 1896 to 1905.	2384	64	31	8	3226	76	54	13	3857	94	51	13	4017	109	56	11	—	—	12	—
1906 ...	2392	34	30	2	2994	67	42	7	3966	96	44	9	3983	93	59	5	—	—	12	—

TABLE III.

Cases of Infectious Disease notified during the Year 1906.

SMALLBURGH RURAL DISTRICT.

Notifiable Disease.	Cases notified in Whole District.							Total Cases notified in each Locality.				Cases removed to Hospital.
	At all Ages.	At Ages—Years.						Bacton.	Ludham.	Stalham.	Smallburgh Workhouse.	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.					
Small-pox	..	..	..	..	..	..	..	..	..	..	..	
Cholera	..	..	..	..	..	..	..	..	..	..	..	
Diphtheria	5	..	1	3	1	..	..	2	1	1	3	
Membranous croup ..	..	..	..	..	..	..	..	..	..	..	..	
Erysipelas	9	..	..	..	..	3	6	3	3	..	3	
Scarlet fever	41	..	7	22	8	4	..	2	28	4	7	
Typhus fever	..	..	..	..	..	..	..	..	..	..	..	
Enteric fever	8	..	1	4	..	2	1	2	..	2	4	
Relapsing fever ..	..	..	..	..	..	..	..	..	..	..	..	
Continued fever ..	..	..	..	..	..	..	..	..	..	..	..	
Puerperal fever ..	..	..	..	..	..	..	..	..	..	..	..	
Plague	..	..	..	..	..	..	..	..	..	..	..	
Totals	63	..	9	29	9	9	7	7	32	7	17	

No Isolation Hospital.

TABLE IV.

SMALLBURGH RURAL DISTRICT.

Causes of, and Ages at, Death during Year 1906.

Causes of Death.	Deaths at the subjoined Ages of "Residents" whether occurring in or beyond the District.							Deaths at all Ages of "Residents" belonging to Localities, whether occurring in or beyond the District.					Total Deaths whether of "Residents" or "Non-Residents" in Public Institutions in the District.
	All Ages.	Under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	Bacton	Ludham	Stalham	Smallburgh	Smallburgh Workhouse	
Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	2	..	..	2	..	..	..	..	1	1	..	..	..
Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria & membranous croup	..	..	..	..		..	..	..	..	..	..	..	..
Croup	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Typhus	..	..	..	..	.	..	..	..	..	..	..	..	..
Fever { Enteric	1	..	..	..	..	..	1	..	..	..	1	..	..
Fever { Other continued	..	..	..	..	..	..	..	..	..	..	..	..	..
Epidemic influenza ..	2	..	..	..	..	1	1	2	..	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœa	3	1	1	..	1	..	..	..	1	1	1	..	..
Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..
Other septic diseases ..	1	..	..	..	..	1	..	..	..	1	..	..	..
Phthisis (Pulmonary Tuberculosis	16	..	..	..	1	15	..	1	6	3	6	..	..
Other tubercular diseases	3	1	1	1	..	..	..	1	..	2	..	..	..
Cancer, malignant disease	9	..	..	..	..	5	4	1	2	..	6	1	1
Bronchitis	11	2	3	..	1	..	5	2	3	5	1	..	..
Pneumonia	3	..	..	1	..	1	1	..	1	1	1	..	..
Pleurisy	1	..	.	..	..	..	1	..	..	1	..	..	..
Other diseases of Respiratory organs	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism } ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of liver }	..	..	..	..	..	..	..	..	..	..	..	..	..
Venereal Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature Birth	7	7	..	..	..	..	..	4	..	3	..	..	..
Diseases and Accident of parturition	..	..	..	..	..	..	..	..	..	..	..	..	..
Heart Diseases	26	..	..	..	..	7	19	8	8	7	3	..	..
Accidents	3	.	1	..	1	1	..	..	1	..	2	..	..
Suicides	1	..	..	..	..	1	..	1	..	..	..	..	..
All other causes	86	12	1	..	2	11	60	10	19	19	38	11	11
All causes	175	23	7	4	6	43	92	30	42	44	59	12	12

TABLE V.

SMALLBURGH RURAL DISTRICT.

INFANTILE MORTALITY DURING THE YEAR 1906.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year.
All Causes. Certified ... ... / Uncertified	12	1	1	2	16	3	1							1	2		23
Common Infectious Diseases: Small-pox																	
Chicken-pox																	
Measles																	
Scarlet Fever																	
Diphtheria: Croup ...																	
Whooping Cough ...																	
Diarrhœal Diseases: Diarrhœa, all forms ...							1										1
Enteritis, Muco-enteritis, Gastro-enteritis																	
Gastritis, Gastro-intestinal Catarrh																	
Wasting Diseases: Premature Birth... ...	5	1	1	1	8												8
Congenital Defects ...																	
Injury at Birth																	
Want of Breast-milk ...																	
Atrophy, Debility, Marasmus	5			1	6										1		7
Tuberculous Diseases: Tuberculous Meningitis, Tuberculous Peritonitis, Tabes Mesenterica						1											1
Other Tuberculous Diseases																	
Erysipelas																	
Syphilis																	
Rickets																	
Meningitis (*Not Tuberculous*)																	
Convulsions	2				2	2											4
Bronchitis														1	1		2
Laryngitis																	
Pneumonia																	
Suffocation, overlying ...																	
Other Causes																	
	12	1	1	2	16	3	1							1	2		23

District (or sub-division) of Smallburgh.

Population.
Estimated to middle of 1906.
~~13,340.~~
13,335

Births in the year { legitimate—270. / illegitimate—20.

Deaths from **all Causes at all Ages—23.**

Annual Report of Medical Officer of Health for 1906,

FOR THE

RURAL DISTRICT OF SMALLBURGH.

On the Administration of the Factory & Workshop Act 1901 in connection with

Factories, Workshops, Laundries, Workplaces, and Homework.

1.—INSPECTION.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries.)	4	Nil	Nil
Workshops (Including Workshop Laundries.)	10	—	—
Workplaces	3	—	—
Total	17	—	—

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts:				
Want of cleanliness	3	3	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors	1	1	—	—
Other nuisances	—	—	—	—
Sanitary accommodation: insufficient	—	—	—	—
Sanitary accommodation: unsuitable or defective	—	—	—	—
Sanitary accommodation: not separate for sexes	—	—	—	—
Offences under the Factory and Workshop Act:—				
Illegal occupation of underground bakehouse (s. 101)	No underground bakehouses.			—
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	—	—	—	—
Other offences	—	—	—	—
Total	4	4	—	—

3 Home Work - Nil 4 Registered Workshops - Nil

3.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspector of Factories:—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	Nil.
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5): Notified by H.M. Inspector	Nil.
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5): Reports (of action taken) sent to H.M. Inspector	Nil.
Other	Nil.
Underground Bakehouses (s. 101):—	
Certificates granted during the year	Nil.
In use at the end of the year	Nil.

SMALLBURGH

Rural District Council.

REPORT

OF THE

Medical Officer of Health,

For the Year 1906.